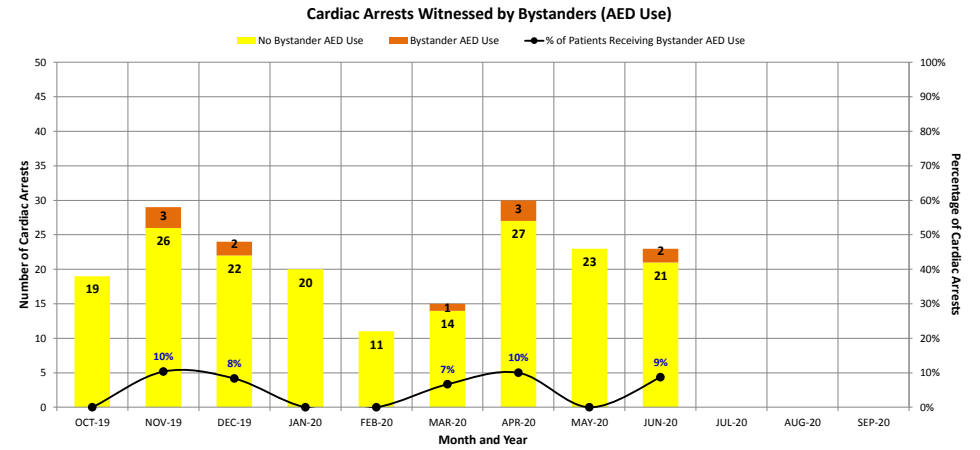
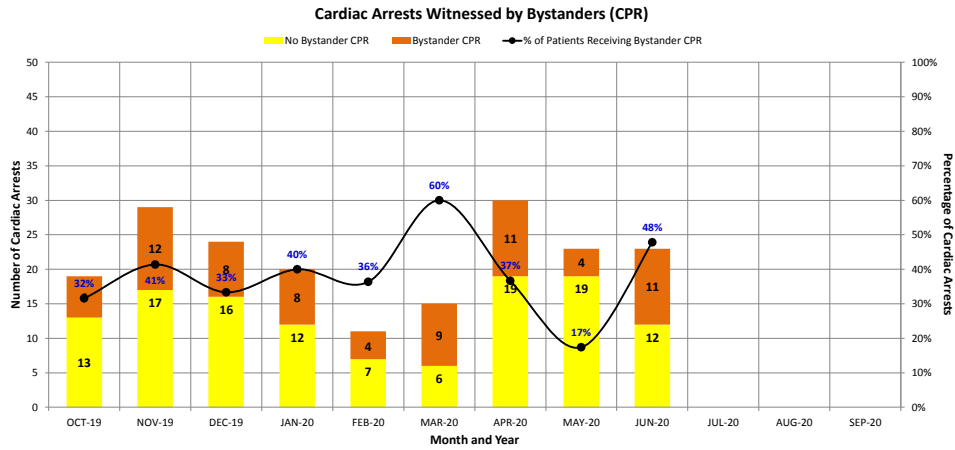
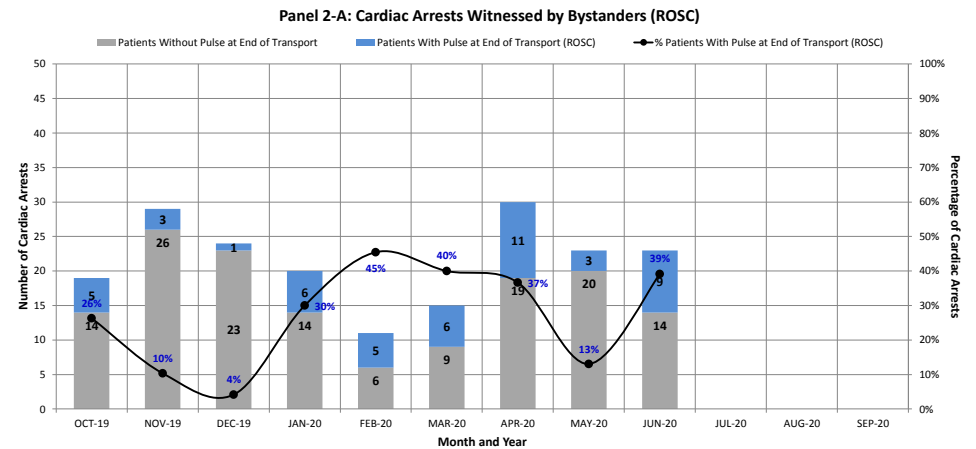
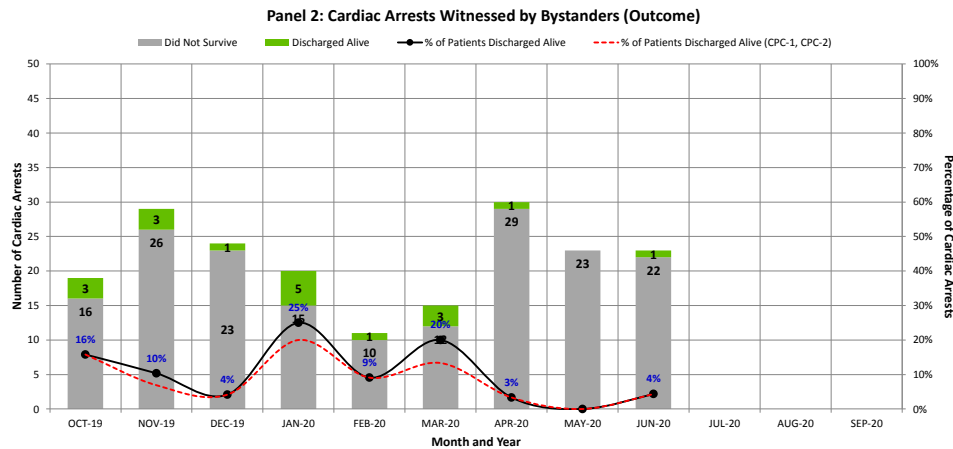
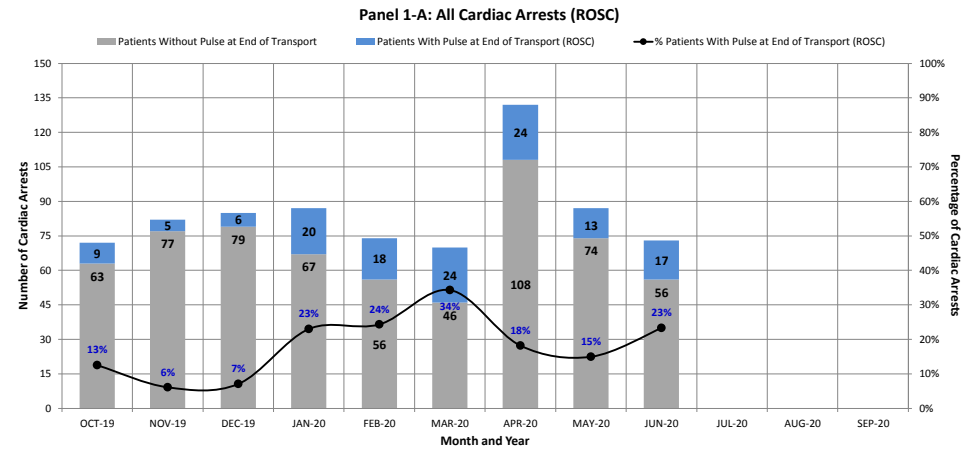
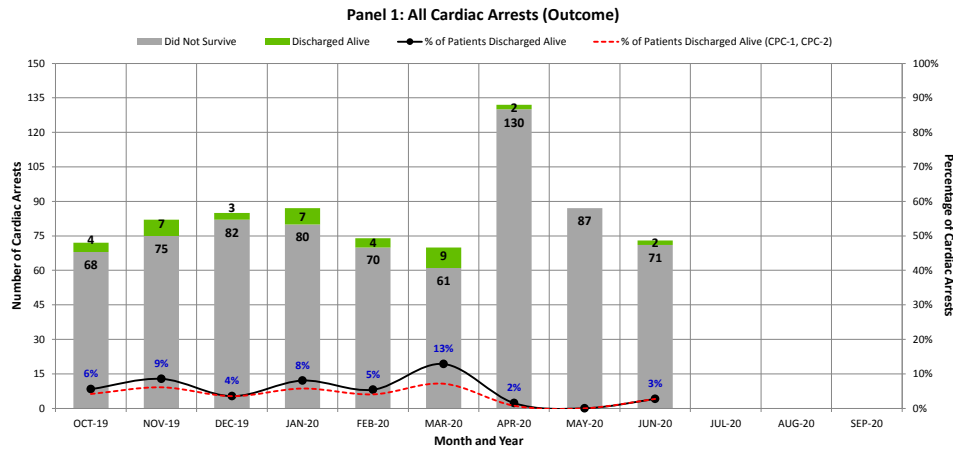


District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2020 (10/01/2019 to 09/30/2020)

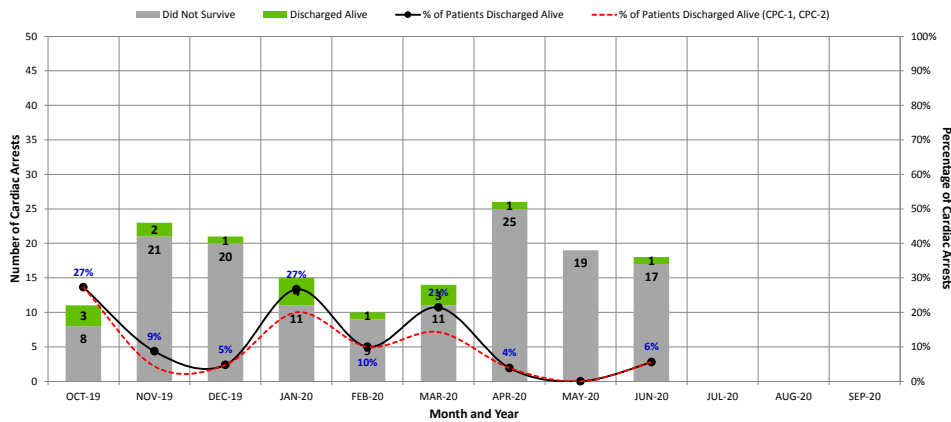


District of Columbia Fire and Emergency Medical Services Department
 Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2020 (10/01/2019 to 09/30/2020)

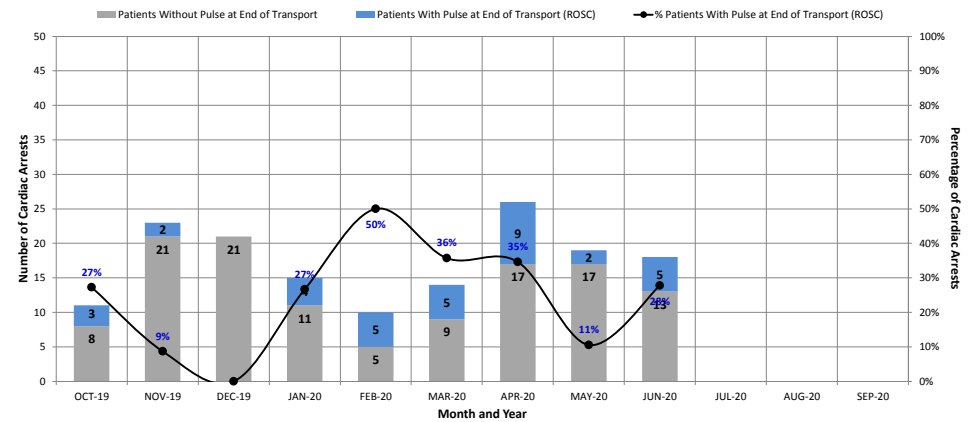


District of Columbia Fire and Emergency Medical Services Department
 Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2020 (10/01/2019 to 09/30/2020)

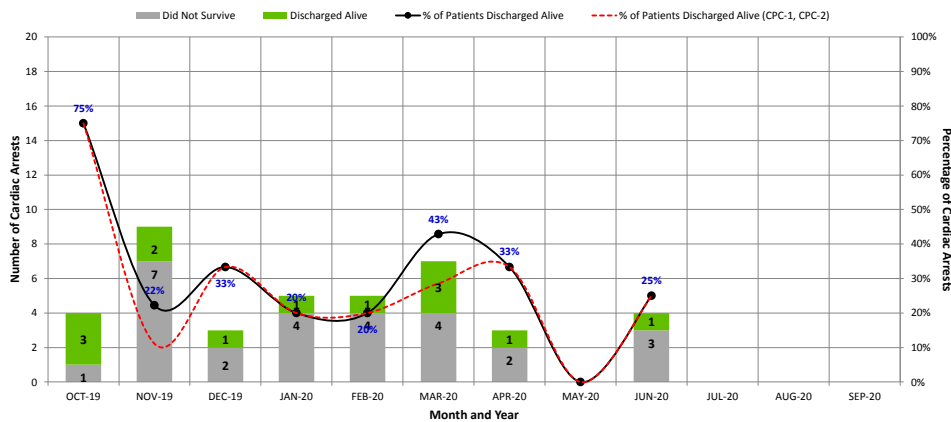
Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)



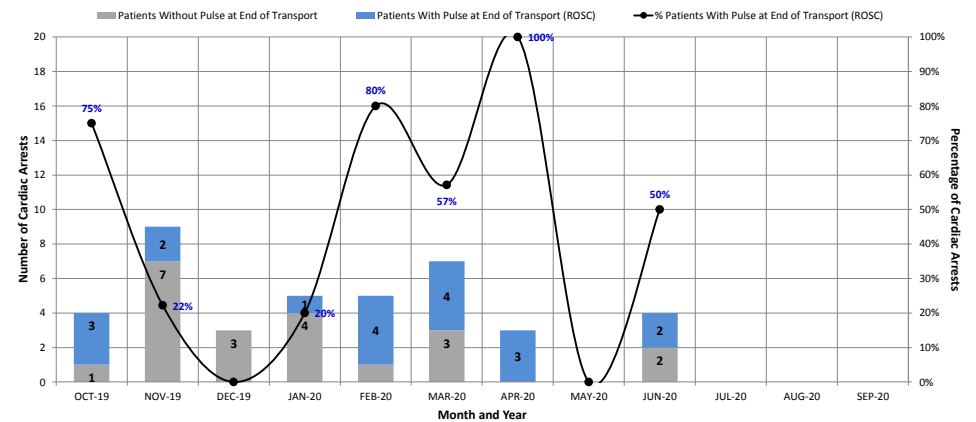
Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)



Panel 4: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (Outcome)



Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)



District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Cardiac Arrests Witnessed by Bystanders (CPR) KPI	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Witnessed Cardiac Arrests	92	72	108		272
NOT Witnessed by EMS	72	46	76		194
Who Initiated CPR?					
Not Applicable	0	0	0		0
Lay Person	6	7	3		16
Lay Person Family Member	12	10	15		37
Lay Person Medical Provider	8	4	8		20
First Responder (non-transport provider)	21	8	10		39
Responding EMS Personnel	25	17	40		82
CPR Initiated by Bystanders	26	21	26		73
CPR Initiated by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	36.1%	45.7%	34.2%		37.6%
Cardiac Arrests Witnessed by Bystanders (AED Use) KPI	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Witnessed Cardiac Arrests	92	72	108		272
NOT Witnessed by EMS	72	46	76		194
AED applied prior to EMS arrival	27	3	12		42
Who Applied AED?					
Lay Person	1	0	1		2
Lay Person Family Member	0	0	0		0
Lay Person Medical Provider	4	1	4		9
First Responder (non-transport provider)	22	2	7		31
Police Applied AED	9	2	4		15
Unknown					
AED Used by Bystanders	5	1	5		11
AED Used by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	6.9%	2.2%	6.6%		5.7%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 1: All Cardiac Arrests (Outcome)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Transported to ED	143	130	116		389
Pronounced Dead in ED	44	34	43		121
Ongoing Resuscitation in ED	99	96	73		268
Admitted to Hospital	58	60	24		142
Died in Hospital	42	32	13		87
Discharged alive	14	20	4		38
Discharged alive (CPC-1 or CPC-2)	11	13	3		27
Discharged alive (CPC-3, CPC-4 or Unk)	3	7	1		11
Died in Hospital after DNR	2	7	7		16
Discharged alive after DNR	0	0	0		0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0		0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0		0
Total Discharged Alive	14	20	4		38
Total Discharged Alive (CPC-1 or CPC-2)	11	13	3		27
Total Discharged Alive (CPC-3, CPC-4 or Unk)	3	7	1		11
Overall Survival Rate.	5.9%	8.7%	1.4%		5.0%
Overall Survival Rate (CPC-1 or CPC-2).	4.6%	5.6%	1.0%		3.5%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome) KPI	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Witnessed Cardiac Arrests	92	72	108		272
NOT Witnessed by EMS	72	46	76		194
Transported to ED	54	33	36		123
Pronounced Dead in ED	13	5	10		28
Ongoing Resuscitation in ED	41	28	26		95
Admitted to Hospital	30	17	10		57
Died in Hospital	21	7	5		33
Discharged alive	7	9	2		18
Discharged alive (CPC-1 or CPC-2)	6	7	2		15
Discharged alive (CPC-3, CPC-4 or Unk)	1	2	0		3
Died in Hospital after DNR	2	1	3		6
Discharged alive after DNR	0	0	0		0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0		0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0		0
Total Discharged Alive	7	9	2		18
Total Discharged Alive (CPC-1 or CPC-2)	6	7	2		15
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	2	0		3
Overall Survival Rate.	9.7%	19.6%	2.6%		9.3%
Overall Survival Rate (CPC-1 or CPC-2).	8.3%	15.2%	2.6%		7.7%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Witnessed Cardiac Arrests	92	72	108		272
NOT Witnessed by EMS	72	46	76		194
Presumed Cardiac Etiology	55	39	63		157
Transported to ED	42	27	26		95
Pronounced Dead in ED	11	5	9		25
Ongoing Resuscitation in ED	31	22	17		70
Admitted to Hospital	23	15	7		45
Died in Hospital	15	6	3		24
Discharged alive	6	8	2		16
Discharged alive (CPC-1 or CPC-2)	5	6	2		13
Discharged alive (CPC-3, CPC-4 or Unk)	1	2	0		3
Died in Hospital after DNR	2	1	2		5
Discharged alive after DNR	0	0	0		0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0		0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0		0
Total Discharged Alive	6	8	2		16
Total Discharged Alive (CPC-1 or CPC-2)	5	6	2		13
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	2	0		3
Overall Survival Rate.	10.9%	20.5%	3.2%		10.2%
Overall Survival Rate (CPC-1 or CPC-2).	9.1%	15.4%	3.2%		8.3%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 4: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (Outcome) KPI	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Witnessed Cardiac Arrests	92	72	108		272
NOT Witnessed by EMS	72	46	76		194
Presumed Cardiac Etiology	55	39	63		157
"Shockable" Rhythm (VFib/VTach/Unk)	16	17	7		40
Transported to ED	14	16	7		37
Pronounced Dead in ED	1	1	1		3
Ongoing Resuscitation in ED	13	15	6		34
Admitted to Hospital	11	10	4		25
Died in Hospital	4	4	1		9
Discharged alive	6	5	2		13
Discharged alive (CPC-1 or CPC-2)	5	4	2		11
Discharged alive (CPC-3, CPC-4 or Unk)	1	1	0		2
Died in Hospital after DNR	1	1	1		3
Discharged alive after DNR	0	0	0		0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0		0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0		0
Total Discharged Alive	6	5	2		13
Total Discharged Alive (CPC-1 or CPC-2)	5	4	2		11
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	1	0		2
Overall Survival Rate.	37.5%	29.4%	28.6%		32.5%
Overall Survival Rate (CPC-1 or CPC-2).	31.3%	23.5%	28.6%		27.5%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 1-A: All Cardiac Arrests (ROSC)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Pronounced Dead Before Transport	96	101	176		373
Transported to ED	143	130	116		389
Pulseless at End of Transport	123	68	62		253
Pulse at End of Transport	20	62	54		136
Pronounced Dead in ED	0	2	8		10
Ongoing Resuscitation in ED	20	60	46		126
Admitted to Hospital	18	49	20		87
Died in Hospital	12	26	11		49
Discharged alive	6	17	2		25
Discharged alive (CPC-1 or CPC-2)	6	11	2		19
Discharged alive (CPC-3, CPC-4 or Unk)	0	6	0		6
Died in Hospital after DNR	0	5	7		12
Discharged alive after DNR	0	0	0		0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0		0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0		0
Total Discharged Alive	6	17	2		25
Total Discharged Alive (CPC-1 or CPC-2)	6	11	2		19
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	6	0		6
Pulse at End of Transport (Pre-Hospital ROSC rate).	8.4%	26.8%	18.5%		17.8%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	33.3%	34.7%	10.0%		28.7%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	33.3%	22.4%	10.0%		21.8%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Witnessed Cardiac Arrests	92	72	108		272
NOT Witnessed by EMS	72	46	76		194
Pronounced Dead Before Transport	18	13	40		71
Transported to ED	54	33	36		123
Pulseless at End of Transport	45	16	13		74
Pulse at End of Transport	9	17	23		49
Pronounced Dead in ED	0	0	3		3
Ongoing Resuscitation in ED	9	17	20		46
Admitted to Hospital	9	13	9		31
Died in Hospital	5	6	5		16
Discharged alive	4	7	1		12
Discharged alive (CPC-1 or CPC-2)	4	6	1		11
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0		1
Died in Hospital after DNR	0	0	3		3
Discharged alive after DNR	0	0	0		0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0		0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0		0
Total Discharged Alive	4	7	1		12
Total Discharged Alive (CPC-1 or CPC-2)	4	6	1		11
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0		1
Pulse at End of Transport (Pre-Hospital ROSC rate).	12.5%	37.0%	30.3%		25.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	44.4%	53.8%	11.1%		38.7%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	44.4%	46.2%	11.1%		35.5%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Witnessed Cardiac Arrests	92	72	108		272
NOT Witnessed by EMS	72	46	76		194
Presumed Cardiac Etiology	55	39	63		157
Pronounced Dead Before Transport	13	12	37		62
Transported to ED	42	27	26		95
Pulseless at End of Transport	37	13	10		60
Pulse at End of Transport	5	14	16		35
Pronounced Dead in ED	0	0	3		3
Ongoing Resuscitation in ED	5	14	13		32
Admitted to Hospital	5	11	6		22
Died in Hospital	2	5	3		10
Discharged alive	3	6	1		10
Discharged alive (CPC-1 or CPC-2)	3	5	1		9
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0		1
Died in Hospital after DNR	0	0	2		2
Discharged alive after DNR	0	0	0		0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0		0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0		0
Total Discharged Alive	3	6	1		10
Total Discharged Alive (CPC-1 or CPC-2)	3	5	1		9
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0		1
Pulse at End of Transport (Pre-Hospital ROSC rate).	9.1%	35.9%	25.4%		22.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	60.0%	54.5%	16.7%		45.5%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	60.0%	45.5%	16.7%		40.9%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292		762
Witnessed Cardiac Arrests	92	72	108		272
NOT Witnessed by EMS	72	46	76		194
Presumed Cardiac Etiology	55	39	63		157
"Shockable" Rhythm (VFib/VTach/Unk)	16	17	7		40
Pronounced Dead Before Transport	2	1	0		3
Transported to ED	14	16	7		37
Pulseless at End of Transport	9	7	2		18
Pulse at End of Transport	5	9	5		19
Pronounced Dead in ED	0	0	0		0
Ongoing Resuscitation in ED	5	9	5		19
Admitted to Hospital	5	7	3		15
Died in Hospital	2	3	1		6
Discharged alive	3	4	1		8
Discharged alive (CPC-1 or CPC-2)	3	3	1		7
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0		1
Died in Hospital after DNR	0	0	1		1
Discharged alive after DNR	0	0	0		0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0		0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0		0
Total Discharged Alive	3	4	1		8
Total Discharged Alive (CPC-1 or CPC-2)	3	3	1		7
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0		1
Pulse at End of Transport (Pre-Hospital ROSC rate).	31.3%	52.9%	71.4%		47.5%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	60.0%	57.1%	33.3%		53.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	60.0%	42.9%	33.3%		46.7%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2020 (10/01/2019 to 09/30/2020)

Cardiac Arrests Witnessed by Bystanders (CPR) KPI	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32				272
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23				194
Who Initiated CPR?													
Not Applicable	0	0	0	0	0	0	0	0	0				0
Lay Person	2	4	0	5	0	2	2	0	1				16
Lay Person Family Member	3	5	4	3	1	6	5	1	9				37
Lay Person Medical Provider	1	3	4	0	3	1	4	3	1				20
First Responder (non-transport provider)	5	9	7	5	1	2	6	4	0				39
Responding EMS Personnel	8	8	9	7	6	4	13	15	12				82
CPR Initiated by Bystanders	6	12	8	8	4	9	11	4	11				73
CPR Initiated by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	31.6%	41.4%	33.3%	40.0%	36.4%	60.0%	36.7%	17.4%	47.8%				37.6%
Cardiac Arrests Witnessed by Bystanders (AED Use) KPI	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32				272
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23				194
AED applied prior to EMS arrival	5	14	8	2	0	1	6	3	3				42
Who Applied AED?													
Lay Person	0	1	0	0	0	0	0	0	1				2
Lay Person Family Member	0	0	0	0	0	0	0	0	0				0
Lay Person Medical Provider	0	2	2	0	0	1	3	0	1				9
First Responder (non-transport provider)	5	11	6	2	0	0	3	3	1				31
Police Applied AED	2	4	3	2	0	0	3	0	1				15
Unknown													0
AED Used by Bystanders	0	3	2	0	0	1	3	0	2				11
AED Used by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	0.0%	10.3%	8.3%	0.0%	0.0%	6.7%	10.0%	0.0%	8.7%				5.7%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2020 (10/01/2019 to 09/30/2020)

Panel 1: All Cardiac Arrests (Outcome)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Transported to ED	43	48	52	50	43	37	47	32	37				389
Pronounced Dead in ED	18	12	14	18	8	8	16	13	14				121
Ongoing Resuscitation in ED	25	36	38	32	35	29	31	19	23				268
Admitted to Hospital	19	21	18	19	15	26	11	6	7				142
Died in Hospital	14	14	14	12	11	9	6	4	3				87
Discharged alive	4	7	3	7	4	9	2	0	2				38
Discharged alive (CPC-1 or CPC-2)	3	5	3	5	3	5	1	0	2				27
Discharged alive (CPC-3, CPC-4 or Unk)	1	2	0	2	1	4	1	0	0				11
Died in Hospital after DNR	1	0	1	0	0	7	3	2	2				16
Discharged alive after DNR	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0				0
Total Discharged Alive	4	7	3	7	4	9	2	0	2				38
Total Discharged Alive (CPC-1 or CPC-2)	3	5	3	5	3	5	1	0	2				27
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	2	0	2	1	4	1	0	0				11
Overall Survival Rate.	5.6%	8.5%	3.5%	8.0%	5.4%	12.9%	1.5%	0.0%	2.7%				5.0%
Overall Survival Rate (CPC-1 or CPC-2).	4.2%	6.1%	3.5%	5.7%	4.1%	7.1%	0.8%	0.0%	2.7%				3.5%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2020 (10/01/2019 to 09/30/2020)

Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome) KPI	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32				272
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23				194
Transported to ED	15	22	17	14	10	9	16	7	13				123
Pronounced Dead in ED	4	5	4	3	2	0	4	2	4				28
Ongoing Resuscitation in ED	11	17	13	11	8	9	12	5	9				95
Admitted to Hospital	10	12	8	7	2	8	5	1	4				57
Died in Hospital	6	9	6	2	1	4	3	0	2				33
Discharged alive	3	3	1	5	1	3	1	0	1				18
Discharged alive (CPC-1 or CPC-2)	3	2	1	4	1	2	1	0	1				15
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	1	0	0	0				3
Died in Hospital after DNR	1	0	1	0	0	1	1	1	1				6
Discharged alive after DNR	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0				0
Total Discharged Alive	3	3	1	5	1	3	1	0	1				18
Total Discharged Alive (CPC-1 or CPC-2)	3	2	1	4	1	2	1	0	1				15
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	1	0	0	0				3
Overall Survival Rate.	15.8%	10.3%	4.2%	25.0%	9.1%	20.0%	3.3%	0.0%	4.3%				9.3%
Overall Survival Rate (CPC-1 or CPC-2).	15.8%	6.9%	4.2%	20.0%	9.1%	13.3%	3.3%	0.0%	4.3%				7.7%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2020 (10/01/2019 to 09/30/2020)

Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32				272
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23				194
Presumed Cardiac Etiology	11	23	21	15	10	14	26	19	18				157
Transported to ED	10	18	14	10	9	8	13	4	9				95
Pronounced Dead in ED	3	5	3	3	2	0	4	1	4				25
Ongoing Resuscitation in ED	7	13	11	7	7	8	9	3	5				70
Admitted to Hospital	7	10	6	5	2	8	5	1	1				45
Died in Hospital	3	8	4	1	1	4	3	0	0				24
Discharged alive	3	2	1	4	1	3	1	0	1				16
Discharged alive (CPC-1 or CPC-2)	3	1	1	3	1	2	1	0	1				13
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	1	0	0	0				3
Died in Hospital after DNR	1	0	1	0	0	1	1	1	0				5
Discharged alive after DNR	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0				0
Total Discharged Alive	3	2	1	4	1	3	1	0	1				16
Total Discharged Alive (CPC-1 or CPC-2)	3	1	1	3	1	2	1	0	1				13
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	1	0	0	0				3
Overall Survival Rate.	27.3%	8.7%	4.8%	26.7%	10.0%	21.4%	3.8%	0.0%	5.6%				10.2%
Overall Survival Rate (CPC-1 or CPC-2).	27.3%	4.3%	4.8%	20.0%	10.0%	14.3%	3.8%	0.0%	5.6%				8.3%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2020 (10/01/2019 to 09/30/2020)

Panel 4: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (Outcome) KPI	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32				272
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23				194
Presumed Cardiac Etiology	11	23	21	15	10	14	26	19	18				157
"Shockable" Rhythm (VFib/VTach/Unk)	4	9	3	5	5	7	3	0	4				40
Transported to ED	4	8	2	4	5	7	3	0	4				37
Pronounced Dead in ED	0	1	0	1	0	0	0	0	1				3
Ongoing Resuscitation in ED	4	7	2	3	5	7	3	0	3				34
Admitted to Hospital	4	5	2	1	2	7	3	0	1				25
Died in Hospital	1	3	0	0	1	3	1	0	0				9
Discharged alive	3	2	1	1	1	3	1	0	1				13
Discharged alive (CPC-1 or CPC-2)	3	1	1	1	1	2	1	0	1				11
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	0	0	1	0	0	0				2
Died in Hospital after DNR	0	0	1	0	0	1	1	0	0				3
Discharged alive after DNR	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0				0
Total Discharged Alive	3	2	1	1	1	3	1	0	1				13
Total Discharged Alive (CPC-1 or CPC-2)	3	1	1	1	1	2	1	0	1				11
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	0	0	1	0	0	0				2
Overall Survival Rate.	75.0%	22.2%	33.3%	20.0%	20.0%	42.9%	33.3%	N/A	25.0%				32.5%
Overall Survival Rate (CPC-1 or CPC-2).	75.0%	11.1%	33.3%	20.0%	20.0%	28.6%	33.3%	N/A	25.0%				27.5%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2020 (10/01/2019 to 09/30/2020)

Panel 1-A: All Cardiac Arrests (ROSC)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Pronounced Dead Before Transport	29	34	33	37	31	33	85	55	36				373
Transported to ED	43	48	52	50	43	37	47	32	37				389
Pulseless at End of Transport	34	43	46	30	25	13	23	19	20				253
Pulse at End of Transport	9	5	6	20	18	24	24	13	17				136
Pronounced Dead in ED	0	0	0	1	0	1	3	3	2				10
Ongoing Resuscitation in ED	9	5	6	19	18	23	21	10	15				126
Admitted to Hospital	8	5	5	16	12	21	8	6	6				87
Died in Hospital	6	2	4	11	8	7	4	4	3				49
Discharged alive	2	3	1	5	4	8	1	0	1				25
Discharged alive (CPC-1 or CPC-2)	2	3	1	4	3	4	1	0	1				19
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	1	1	4	0	0	0				6
Died in Hospital after DNR	0	0	0	0	0	5	3	2	2				12
Discharged alive after DNR	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0				0
Total Discharged Alive	2	3	1	5	4	8	1	0	1				25
Total Discharged Alive (CPC-1 or CPC-2)	2	3	1	4	3	4	1	0	1				19
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	1	1	4	0	0	0				6
Pulse at End of Transport (Pre-Hospital ROSC rate).	12.5%	6.1%	7.1%	23.0%	24.3%	34.3%	18.2%	14.9%	23.3%				17.8%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	25.0%	60.0%	20.0%	31.3%	33.3%	38.1%	12.5%	0.0%	16.7%				28.7%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	25.0%	60.0%	20.0%	25.0%	25.0%	19.0%	12.5%	0.0%	16.7%				21.8%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2020 (10/01/2019 to 09/30/2020)

Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32				272
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23				194
Pronounced Dead Before Transport	4	7	7	6	1	6	14	16	10				71
Transported to ED	15	22	17	14	10	9	16	7	13				123
Pulseless at End of Transport	10	19	16	8	5	3	5	4	4				74
Pulse at End of Transport	5	3	1	6	5	6	11	3	9				49
Pronounced Dead in ED	0	0	0	0	0	0	1	1	1				3
Ongoing Resuscitation in ED	5	3	1	6	5	6	10	2	8				46
Admitted to Hospital	5	3	1	6	2	5	5	1	3				31
Died in Hospital	3	1	1	2	1	3	3	0	2				16
Discharged alive	2	2	0	4	1	2	1	0	0				12
Discharged alive (CPC-1 or CPC-2)	2	2	0	4	1	1	1	0	0				11
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0				1
Died in Hospital after DNR	0	0	0	0	0	0	1	1	1				3
Discharged alive after DNR	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0				0
Total Discharged Alive	2	2	0	4	1	2	1	0	0				12
Total Discharged Alive (CPC-1 or CPC-2)	2	2	0	4	1	1	1	0	0				11
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0				1
Pulse at End of Transport (Pre-Hospital ROSC rate).	26.3%	10.3%	4.2%	30.0%	45.5%	40.0%	36.7%	13.0%	39.1%				25.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	40.0%	66.7%	0.0%	66.7%	50.0%	40.0%	20.0%	0.0%	0.0%				38.7%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	40.0%	66.7%	0.0%	66.7%	50.0%	20.0%	20.0%	0.0%	0.0%				35.5%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2020 (10/01/2019 to 09/30/2020)

Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32				272
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23				194
Presumed Cardiac Etiology	11	23	21	15	10	14	26	19	18				157
Pronounced Dead Before Transport	1	5	7	5	1	6	13	15	9				62
Transported to ED	10	18	14	10	9	8	13	4	9				95
Pulseless at End of Transport	7	16	14	6	4	3	4	2	4				60
Pulse at End of Transport	3	2	0	4	5	5	9	2	5				35
Pronounced Dead in ED	0	0	0	0	0	0	1	1	1				3
Ongoing Resuscitation in ED	3	2	0	4	5	5	8	1	4				32
Admitted to Hospital	3	2	0	4	2	5	5	1	0				22
Died in Hospital	1	1	0	1	1	3	3	0	0				10
Discharged alive	2	1	0	3	1	2	1	0	0				10
Discharged alive (CPC-1 or CPC-2)	2	1	0	3	1	1	1	0	0				9
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0				1
Died in Hospital after DNR	0	0	0	0	0	0	1	1	0				2
Discharged alive after DNR	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0				0
Total Discharged Alive	2	1	0	3	1	2	1	0	0				10
Total Discharged Alive (CPC-1 or CPC-2)	2	1	0	3	1	1	1	0	0				9
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0				1
Pulse at End of Transport (Pre-Hospital ROSC rate).	27.3%	8.7%	0.0%	26.7%	50.0%	35.7%	34.6%	10.5%	27.8%				22.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	66.7%	50.0%	N/A	75.0%	50.0%	40.0%	20.0%	0.0%	N/A				45.5%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	66.7%	50.0%	N/A	75.0%	50.0%	20.0%	20.0%	0.0%	N/A				40.9%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2020 (10/01/2019 to 09/30/2020)

Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73				762
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32				272
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23				194
Presumed Cardiac Etiology	11	23	21	15	10	14	26	19	18				157
"Shockable" Rhythm (VFib/VTach/Unk)	4	9	3	5	5	7	3	0	4				40
Pronounced Dead Before Transport	0	1	1	1	0	0	0	0	0				3
Transported to ED	4	8	2	4	5	7	3	0	4				37
Pulseless at End of Transport	1	6	2	3	1	3	0	0	2				18
Pulse at End of Transport	3	2	0	1	4	4	3	0	2				19
Pronounced Dead in ED	0	0	0	0	0	0	0	0	0				0
Ongoing Resuscitation in ED	3	2	0	1	4	4	3	0	2				19
Admitted to Hospital	3	2	0	1	2	4	3	0	0				15
Died in Hospital	1	1	0	0	1	2	1	0	0				6
Discharged alive	2	1	0	1	1	2	1	0	0				8
Discharged alive (CPC-1 or CPC-2)	2	1	0	1	1	1	1	0	0				7
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0				1
Died in Hospital after DNR	0	0	0	0	0	0	1	0	0				1
Discharged alive after DNR	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0				0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0				0
Total Discharged Alive	2	1	0	1	1	2	1	0	0				8
Total Discharged Alive (CPC-1 or CPC-2)	2	1	0	1	1	1	1	0	0				7
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0				1
Pulse at End of Transport (Pre-Hospital ROSC rate).	75.0%	22.2%	0.0%	20.0%	80.0%	57.1%	100.0%	N/A	50.0%				47.5%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	66.7%	50.0%	N/A	100.0%	50.0%	50.0%	33.3%	N/A	N/A				53.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	66.7%	50.0%	N/A	100.0%	50.0%	25.0%	33.3%	N/A	N/A				46.7%